

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/ GB 03/ 03948	11/09/2003	23/10/2002
Applicant		
TOROTRAK (DEVELOPMENT) LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
 - the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :
 - contained in the international application in written form.
 - filed together with the international application in computer readable form.
 - furnished subsequently to this Authority in written form.
 - furnished subsequently to this Authority in computer readable form.
 - the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
 - the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished
- 2. Certain claims were found unsearchable (See Box I).
- 3. Unity of invention is lacking (see Box II).
- 4. With regard to the **title**,
 - the text is approved as submitted by the applicant.
 - the text has been established by this Authority to read as follows:

5. With regard to the **abstract,**

- the text is approved as submitted by the applicant.
- the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings to be published with the abstract is Figure No.**

- as suggested by the applicant.
- because the applicant failed to suggest a figure.
- because this figure better characterizes the invention.

2

None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/03948

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16H15/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00 15978 A (TOROTRAK DEV LTD) 23 March 2000 (2000-03-23) cited in the application the whole document ----	1,10
A	WO 02 48578 A (TOYOTA MOTOR CO LTD ;TAKETSUNA YASUJI (JP); TAMAKI SHIGENORI (JP)) 20 June 2002 (2002-06-20) abstract; figures 1-4 -& EP 1 350 987 A 8 October 2003 (2003-10-08) ----	1,10
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 09, 30 September 1996 (1996-09-30) -& JP 08 135746 A (NIPPON SEIKO KK), 31 May 1996 (1996-05-31) abstract ----	1,10



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

10 December 2003

17/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Van Prooijen, T

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/03948

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 316 526 A (FELLOWS THOMAS GEORGE) 31 May 1994 (1994-05-31) abstract; figure 2 ----	1,10
A	DE 199 61 692 A (ZAHNRADFABRIK FRIEDRICHSHAFEN) 28 June 2001 (2001-06-28) the whole document ----	1,10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 03/03948

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 0015978	A	23-03-2000	AT 227813 T		15-11-2002
			DE 69903962 D1		19-12-2002
			DE 69903962 T2		03-07-2003
			EP 1112454 A1		04-07-2001
			WO 0015978 A1		23-03-2000
			JP 2002525508 T		13-08-2002
			US 2001001938 A1		31-05-2001
WO 0248578	A	20-06-2002	JP 2002181152 A		26-06-2002
			EP 1350987 A1		08-10-2003
			WO 0248578 A1		20-06-2002
JP 08135746	A	31-05-1996	NONE		
US 5316526	A	31-05-1994	AU 653950 B2		20-10-1994
			AU 8215991 A		04-02-1992
			BR 9106640 A		08-06-1993
			CA 2086538 A1		14-01-1992
			DE 69107078 D1		09-03-1995
			DE 69107078 T2		24-05-1995
			DK 538357 T3		24-04-1995
			EP 0538357 A1		28-04-1993
			ES 2069302 T3		01-05-1995
			WO 9201175 A1		23-01-1992
			GB 2260583 A ,B		21-04-1993
			HU 62691 A2		28-05-1993
			IN 184721 A1		23-09-2000
			JP 3018107 B2		13-03-2000
			JP 5508212 T		18-11-1993
			KR 173673 B1		18-02-1999
			RU 2087777 C1		20-08-1997
DE 19961692	A	28-06-2001	DE 19961692 A1		28-06-2001
			WO 0146604 A2		28-06-2001
			EP 1240442 A2		18-09-2002
			JP 2003518233 T		03-06-2003